



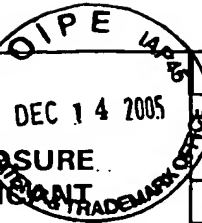
PTO/SB/08a Substitute for Form 1449A/PTO		Application Number		10/532,685	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Filing Date		April 26, 2005	
		First Named Inventor		Takashi SAITOH	
		Art Unit		1751	
		Examiner Name		Tri V. Nguyen	
Sheet	1	of	1	Attorney Docket	7412/84326

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>				
TN		JP 2001-11344 A	01-16-2001	Nippon Elec Co	Abstract	
TN		JP 2002-140930 A	05-17-2002	Mitsubishi Rayon Co	Abstract	

Examiner Signature	/Tri Nguyen/ (11/10/2006)	Date Considered	11/10/2006
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<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



**INFORMATION DISCLOSURE  
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(Use as many sheets as necessary)

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Art Unit		Not Yet Assigned	
Examiner Name		Not Yet Assigned	
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TN		US-5,891,968	04-06-1999	Wudl et al.	
		US-5,863,981	01-26-1999	Wudl et al.	
		US-5,569,708	10-29-1996	Wudl et al.	
		US-4,937,060	06-26-1990	Kathirgamanathan et al.	
		US-4,956,441	09-11-1990	Kathirgamanathan et al.	
		US-5,256,454	10-26-1993	Murai et al.	
		US-5,437,893	08-01-1995	Murai et al.	
		US-5,589,270	12-31-1996	Murai et al.	
		US-5,354,816	10-11-1994	Shimizu et al.	
		US-			
		US-			

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TN		JP 61-197633 A	09-01-1986	Nitto Electric Ind Co	Abstract	
		JP 63-039916 A	02-20-1988	Showa Denko KK	Abstract	
		JP 1-301714 A	12-05-1989	Cookson Group PLC	Abstract	
		JP 5-504153 A	07-01-1993			
TN		WO 91/05979 A	05-02-1991	The Ohio St Univ Res		
		JP 5-503953 A	06-24-1993			
TN		WO 91/06887 A	05-16-1991	The Ohio St Univ Res		
		JP 4-32848 A	02-04-1992			
		JP 4-328181 A	11-17-1992	Showa Denko KK	Abstract	
		JP 6-145386 A	05-24-1994	Showa Denko KK	Abstract	
		JP 6-056987 A	03-01-1994	Bridgestone Corp	Abstract	
		JP 5-226238 A	09-03-1993	Int'l Bus Mach Corp	Abstract	

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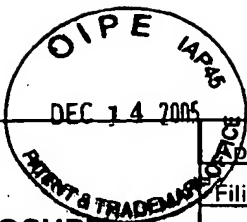


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		First Named Inventor		Takashi SAITOH		
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TN		EP 0540448 A1	05-05-1993	IBM (US)	Abstract	
		JP 5-178989 A	07-20-1993			
		JP 6-293828 A	10-21-1994	Nitto Chem Ind Co Ltd	Abstract	
		JP 7-118524 A	05-09-1995	Nitto Chem Ind Co Ltd	Abstract	
		JP 6-032845 A	02-08-1994	Showa Denko KK	Abstract	
		JP 6-087949 A	03-29-1994	Showa Denko KK	Abstract	
		JP 6-256516 A	09-13-1994	Showa Denko KK	Abstract	
		JP 7-041756 A	02-10-1995	Showa Denko KK	Abstract	
		JP 7-048436 A	02-21-1995	Showa Denko KK	Abstract	
		JP 4-268331 A	09-24-1992	Fuji Xerox Co Ltd	Abstract	
		JP 9-059376 A	03-04-1997	Nitto Chem Ind Co Ltd	Abstract	
		JP 2000-191774 A	07-11-2000	Nippon Shokubai Co	Abstract	
		JP 6-049183 A	02-22-1994	Showa Denko KK	Abstract	
		JP 10-060108 A	03-03-1998	Nippon Shokubai Co Ltd	Abstract	
		JP 2001-261680 A	09-26-2001	Inst of Phys & Chem	Abstract	
		JP 7-196791 A	08-01-1995	Nitto Chem Ind Co Ltd	Abstract	
		JP 7-324132 A	12-12-1995	Nitto Chem Ind Co Ltd	Abstract	
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<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
TN		Sumio IJIMA, "Helical microtubules of graphitic carbon," Nature, Vol. 354, p. 56, (Nov 7 1991)			
TN		LIU et al., "Fullerene Pipes," Science, Vol 280, p. 1253 (May 22, 1998)			
TN		CHEN et al., "Solution properties of single-walled carbon nanotubes," Science, Vol 282, p. 95 (Oct 2, 1998)			
TN		NAKASHIMA et al., "Water-soluble single-walled carbon nanotubes via noncovalent sidewall-functionalization with a pyrene-carrying ammonium ion," Chemistry Letters p. 638 (2002)			
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TN		JP 2003-187652A	07-04-2003	Mitsubishi Rayon Co	Abstract	
TN		JP 2003-292801 A	10-15-2003	Toray Ind Inc	Abstract	
TN		JP 2004-002621A	01-08-2004	Toray Ind Inc	Abstract	
TN		JP 2001-011344A	01-16-2001	NEC Corp	Abstract	

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